

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17 (cancelled).

18. (new): A method of writing a file in a memory medium, the file ~~comprising~~ including a determined number of data records [[,]] with each record having a determined size, comprising the steps of:

~~with a determined~~ determining a number of memory spaces of the memory medium being allocated to write the data of the file records[[,]] ; determining a [[the]] position of each memory space ~~being determined~~, and the number of memory spaces allocated exceeding the total number of records in the file,

writing the data of each file record ~~is written~~ in a memory space taken from the allocated memory spaces,

writing a descriptor [[(ITS1)]] of the file ~~is written~~ in the memory medium, the file descriptor referencing memory spaces taken from the allocated memory spaces to enable the allocated memory space in which the data of each file record is written to be determined.

19. (new): [[A]] The method of writing according to claim 18, wherein the records of a file, for which a group of memory spaces is allocated, all have the same size.

20. (new): [[A]] The method of writing according to claim 18, wherein the descriptor is encoded by a number representing an arrangement index in a predetermined table, said table containing all the possible arrangements of the records of the file in the allocated memory spaces.

21. (new): [[A]] The method of writing according to claim 18, wherein a seal is stored, associated with the data of each descriptor, the seal being an increasing function of the number of zero bits in the descriptor.

22. (new): [[A]] The method of writing according to claim 18, wherein a sequence number is stored, associated with each descriptor.

23. (new) [[A]] The method of writing according to claim 22, wherein the sequence number is encoded on two bits.

24. (new): [[A]] The method of writing according to claim 18, wherein the free memory spaces are not referenced to minimize the size of the file descriptor.

25. (new): [[A]] The method of writing according to claim 18, wherein the new descriptor (ITS2) is copied to the first (ITS1) to perform a ratification.

26. (new): A method of updating a file [[(FTS)]] written in a memory medium, ~~comprising: the file comprising~~ a determined number of records (~~E1, E2, E3~~) of determined sizes ~~comprising~~ [[,]] some of these records (~~E2, E3~~) being intended to be updated with new data (~~d4, d5~~) replacing old data (~~d2, d3~~), with a determined number of memory spaces (~~A0, A1, A2, A3, A4~~) of the memory medium being allocated to write the data from the file records comprising the steps of: [[,]] [[the]] determine a position of each memory space ~~being determined~~, the number of allocated memory spaces exceeding the total number of file records[[,]] ; writing the data of each file record ~~being written~~ in a memory space taken from the allocated memory spaces, a first descriptor (~~ITS1~~) of the file being written in the memory medium, ~~and the~~ taking file descriptor referencing memory spaces ~~taken~~ from the allocated memory spaces to enable the allocated memory space in which the data of each file record is written to be determined[[,]] ;

[[-]] reading the file descriptor ~~is read~~,

[[-]] reading the free allocated memory spaces [[(A0, A2)]] are deduced from this,

[[-]] writing the new data [[(d4, d5)]] ~~is written~~ in memory spaces taken from the free allocated memory spaces,

[[-]] writing a new descriptor [[(ITS2)]] of the file ~~is written~~ in the memory medium, the new descriptor referencing the memory spaces [[(A0, A2)]] in which the new data [[(d4, d5)]] is written in place of the memory spaces [[(A1, A4)]] in which the old data [[(d2, d3)]] is written.

27. (new): [[A]] The method of updating according to claim 26, wherein the records of a file, for which a group of memory spaces is allocated, all have the same size.

28. (new): [[A]] The method of updating according to claim 26, wherein the descriptor is encoded by a number representing an arrangement index in a predetermined table, said table containing all the possible arrangements of the records of the file in the allocated memory spaces.

29. (new): [[A]] The method of updating according to claim 26, wherein a seal is stored, associated with the data of each descriptor, the seal being an increasing function of the number of zero bits in the descriptor.

30. (new): [[A]] The method of updating according to claim 26 wherein a sequence number is stored, associated with each descriptor.

31. (new): [[A]] The method of updating according to claim 30 wherein the sequence number is encoded on two bits.

32. (new): [[A]] The method of updating according to claim 26 wherein the free memory spaces are not referenced to minimize the size of the file descriptor.

33. (new): [[A]] The method of updating according to claim 26, wherein the new descriptor (ITS2) is copied to the first (ITS1) to perform a ratification.

34. (new): A method of allocating memory spaces (~~A0, A1, A2, A3, A4~~) of a memory medium ~~wherein~~ comprising the steps of:

[[~~-~~]]selecting a group of records (~~E1, E2, E3~~) of data (~~d1, d2, d3~~) ~~is selected~~, these records belonging to one or more files (FTS), the data (~~d1, d2, d3~~) of these records being intended to be written in the memory medium, the group of records comprising a determined number of records, each record of the group having a determined size,

[[~~-~~]]determining a number N of memory spaces ~~is determined~~, the number N exceeding the number of records in the group of records, the number of excess memory spaces P being at least equal to the maximum number of records of the group of records likely to be updated simultaneously in a write operation;

[[~~-~~]]choosing a group of memory spaces ~~is chosen, comprising including~~ N memory spaces, the memory spaces of the group forming the memory spaces allocated to write the data of

the selected records, each memory space in the group having a determined size and a determined position, the size of the memory spaces being sufficient to write into them the data (~~d1, d2, d3~~) from the records (~~E1, E2, E3~~) of the group.